

Fig. 1

Fig. 2A: NEEDLE RETURN FLOW VS TIME

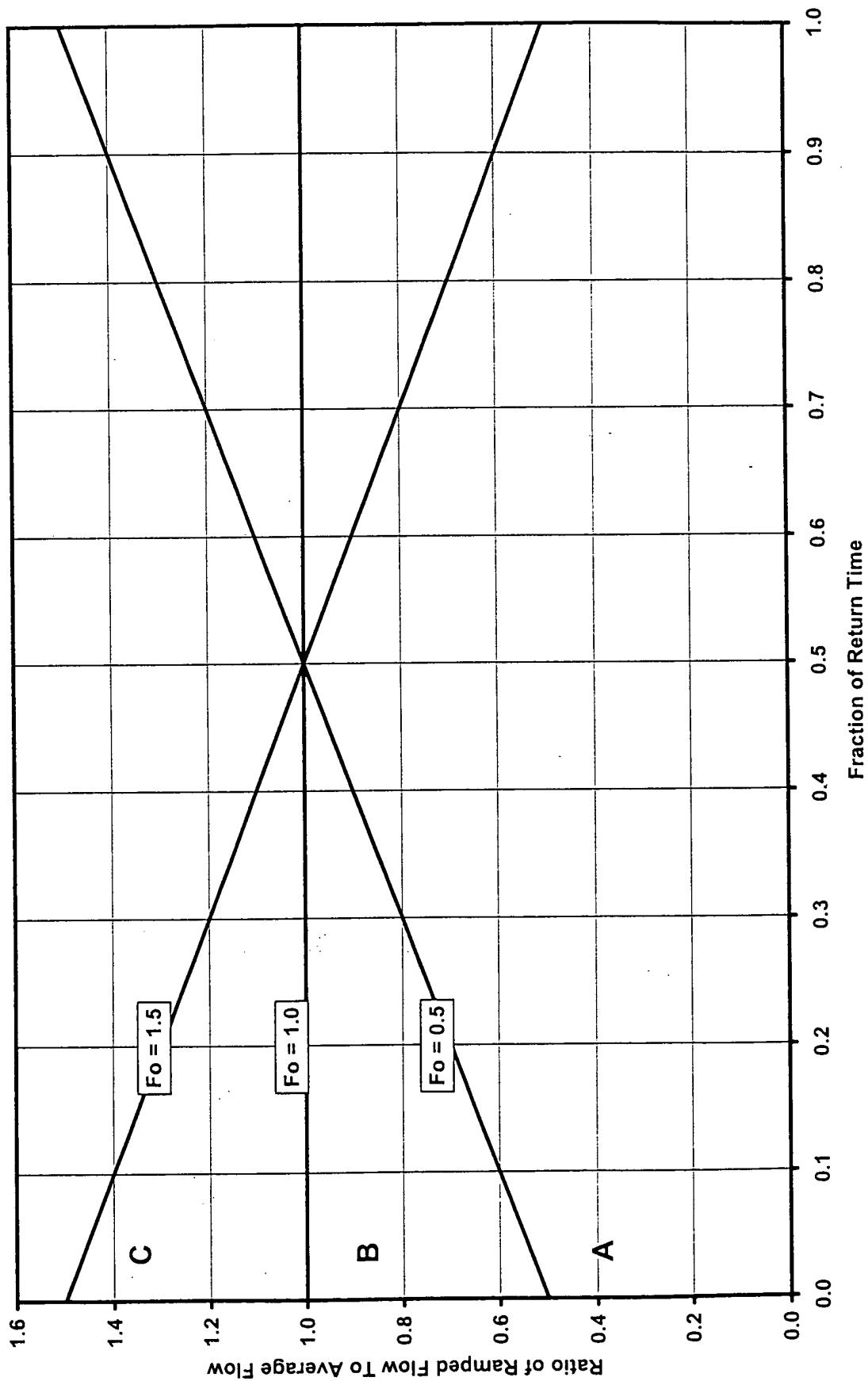


Fig 2B: RETURN VOLUME VS TIME

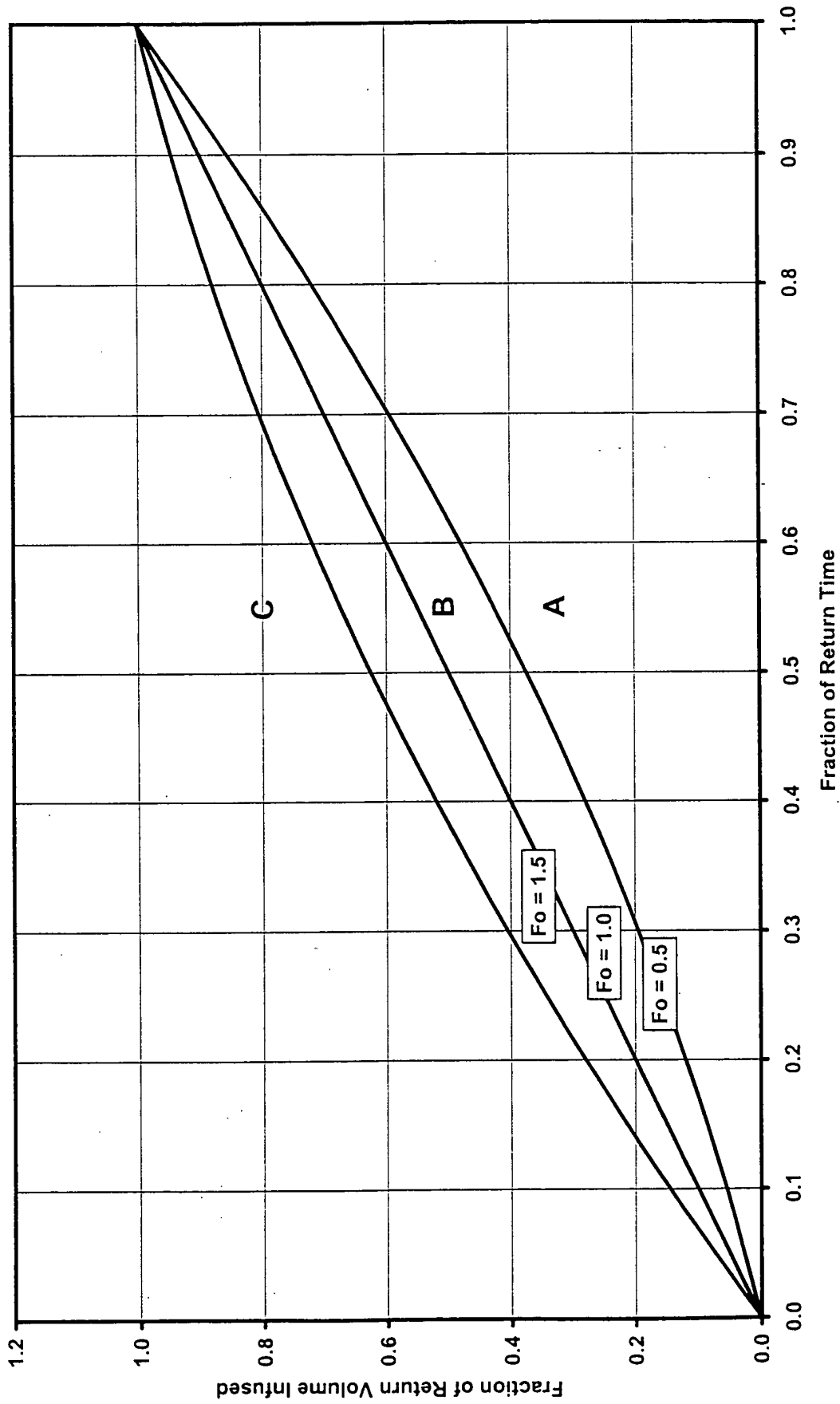


Fig 2C: VEIN PRESSURE INCREASE VS TIME

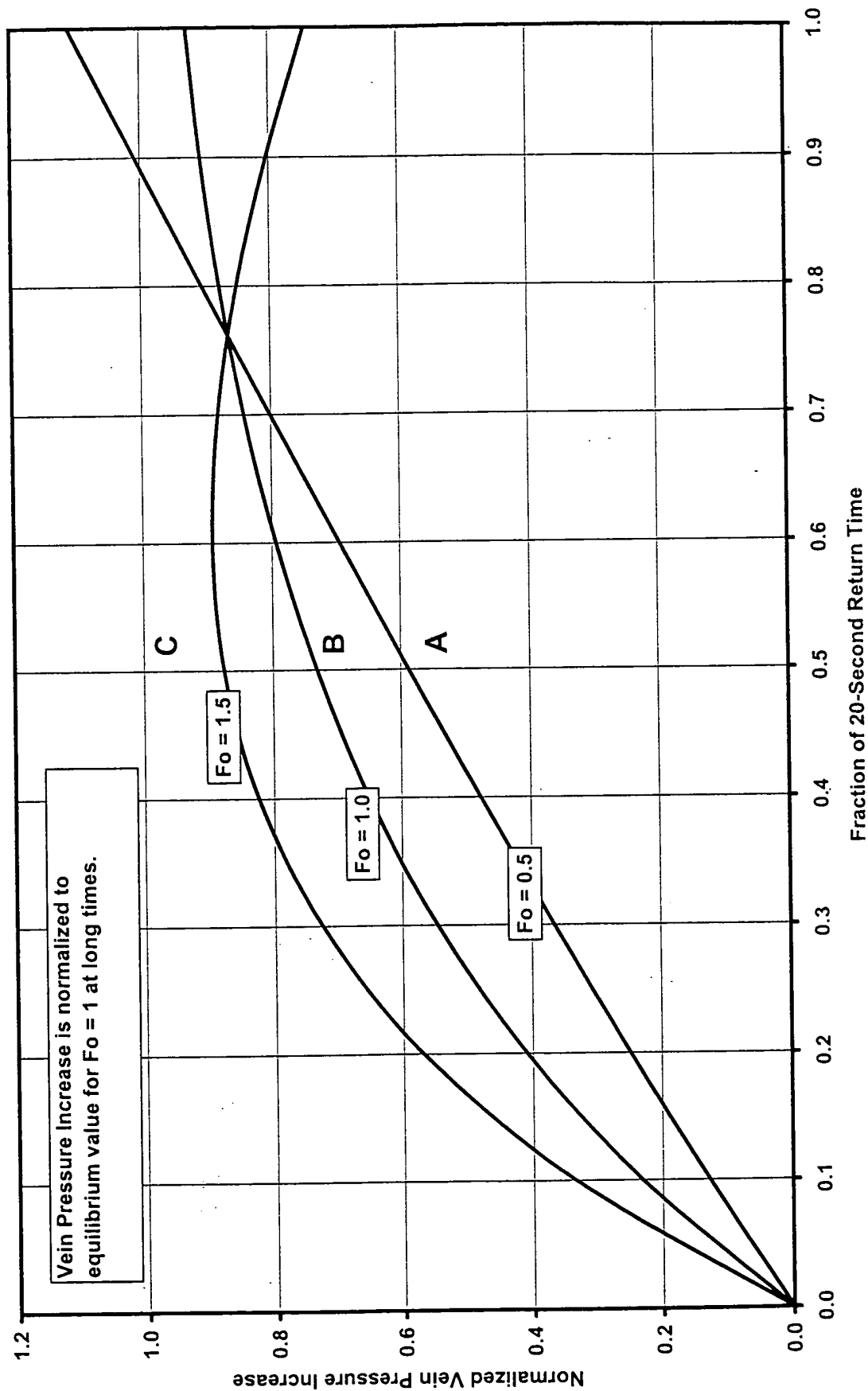
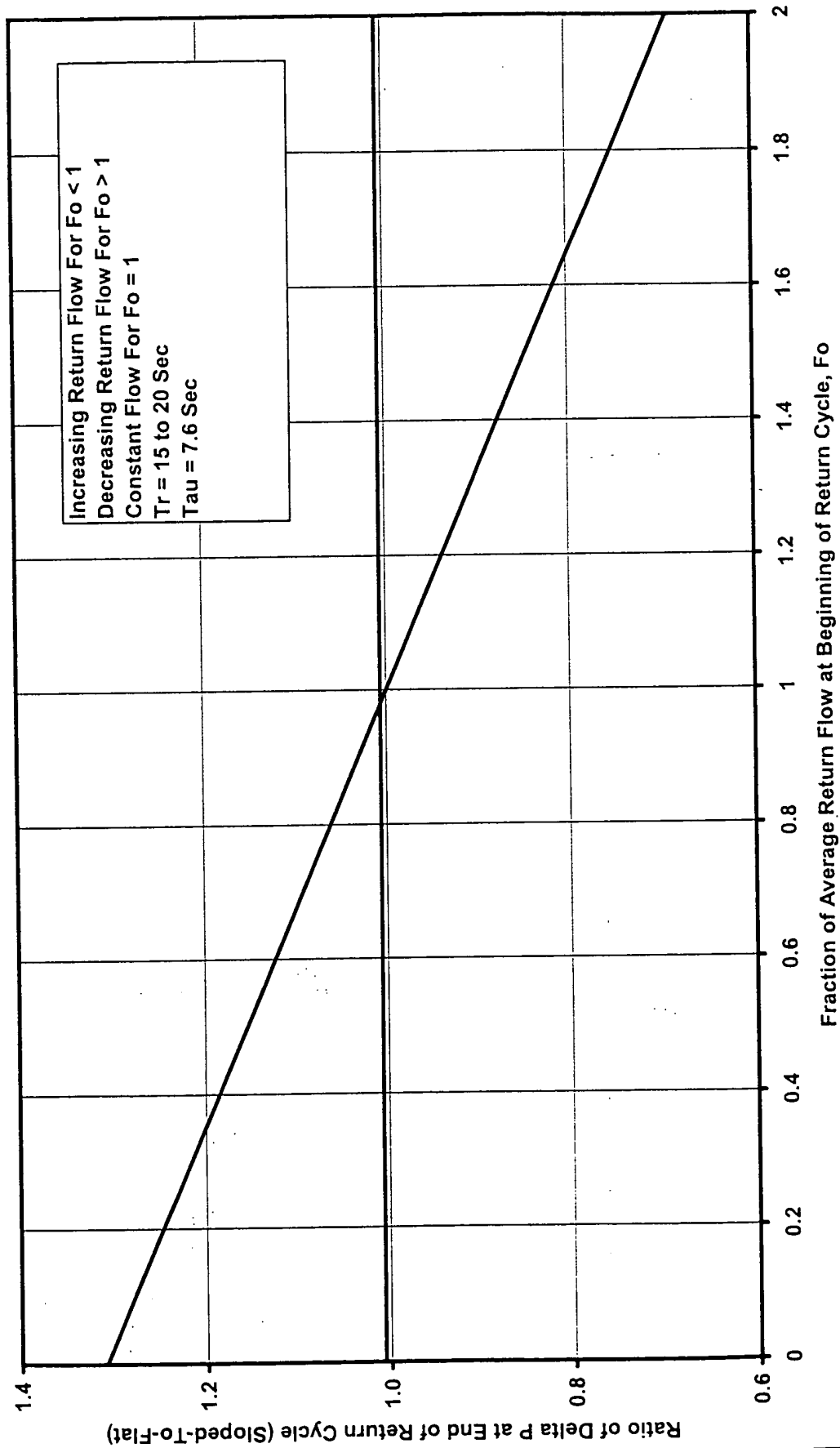


Fig. 2D: EFFECT OF LINEAR RETURN FLOW PROFILE ON VEIN PRESSURE  
INCREASE AT END OF RETURN CYCLE



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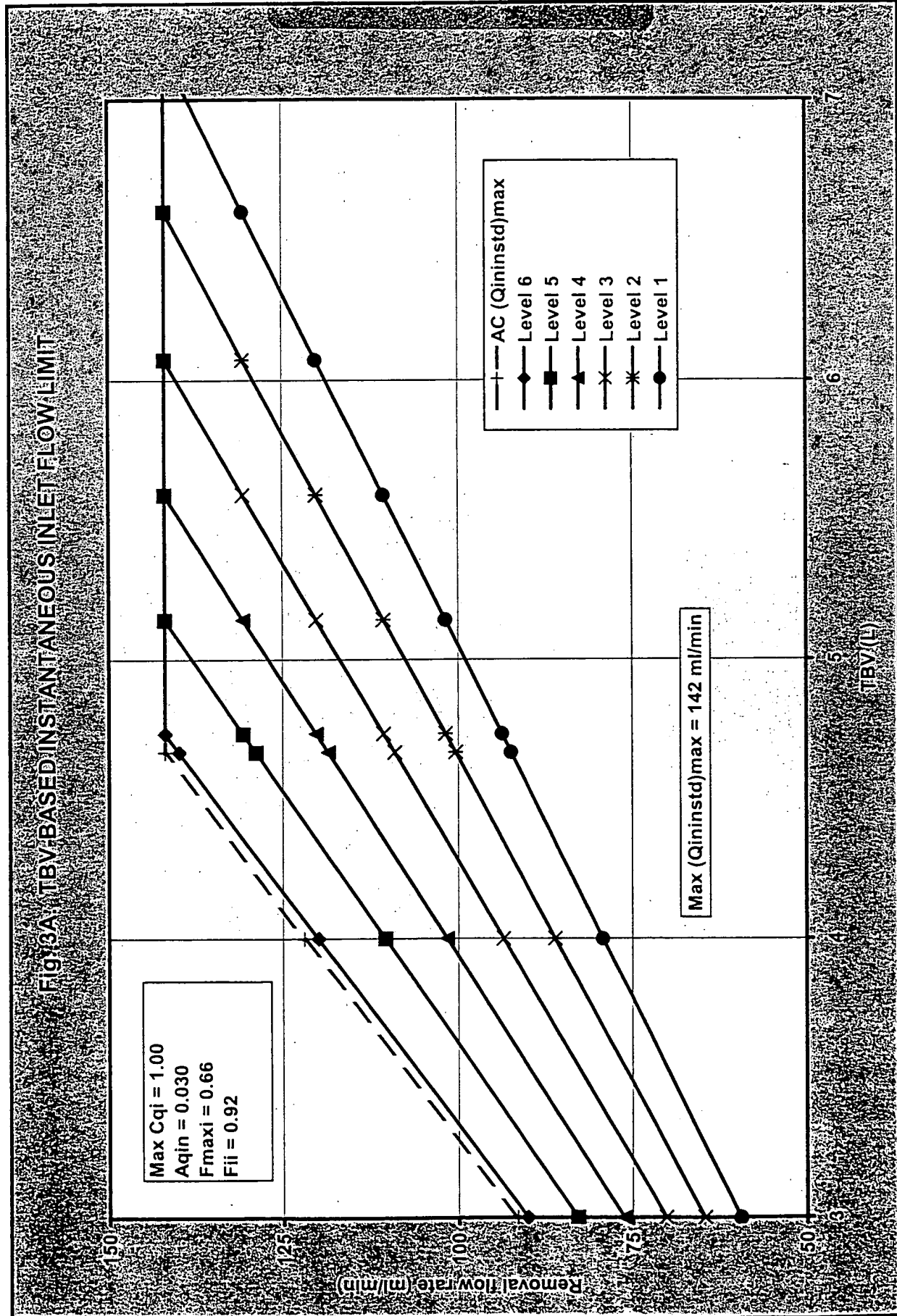


Fig 3B: TBV-BASED NEEDLE RETURN FLOW LIMIT

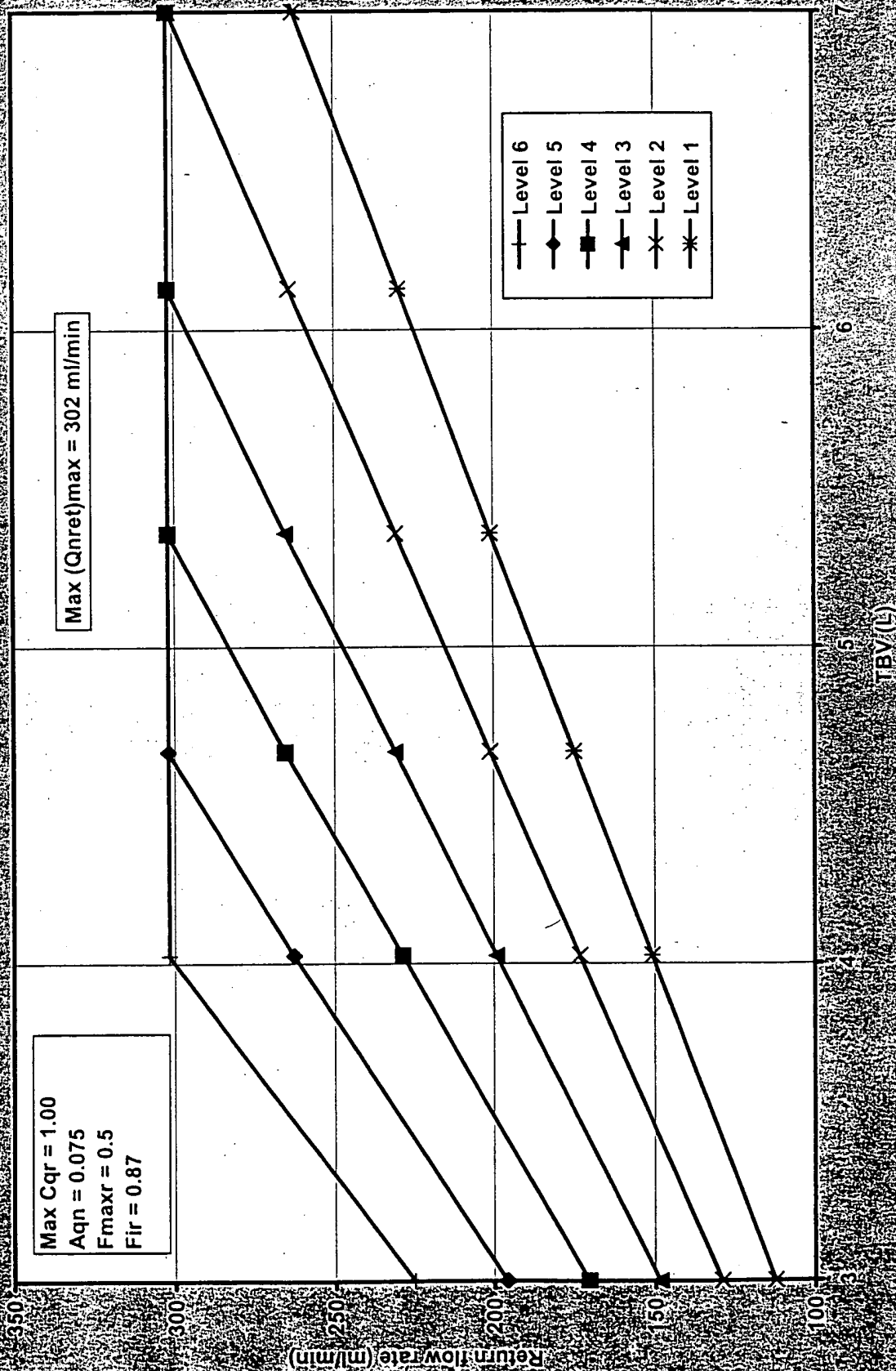




Fig. 4: Fcmax VS DUTY CYCLE

